

## METEOROLOGY FOR JANUARY, 1876.

Owing to unavoidable circumstances, the Hobart Town Meteorological Table for January is incomplete, no observations having been recorded until the 22nd. The results of the observations from that date until the end of the month (10 days) are as follows :—

*Barometer.*—Mean Pressure, 29·921 inches.  
                   Max.     "     30·226     "  
                   Min.     "     29·444     "  
*Wind.*—Mean Force, 34lb. per sq. foot.     } Prevailing  
                   Max.     "     2·60lb.     "     "     } direction,  
                   Min.     "     0     "     "     "     } S.E.  
*Thermometer, Fahrenheit.*—Mean Temp. 66·05°, Max. 88·0°, Min. 55·0°.  
*Relative Humidity, percent.*—Mean 74, Max. 94, Min. 52.  
*Highest Temp. in Sun.*—Mean 104·95, Max. 121·0, Min. 64·0.  
*Ditto in Shade.*—Mean 78·85, Max. 93·0, Min. 60·5.  
*Terrestrial Radiation.*—Mean 51·45, Max. 62·0, Min. 41·5.  
*Rain in Inches.*—Total, 68.  
*Spontaneous Evaporation.*—Total amount, 3·44.  
*Cloud.*—Mean amount, 6 (scale 0—10).  
*Ozone.*—Mean amount, 4·30 (chromatic scale).  
*Electricity.*—Positive 5, negative 12, nil 3.

*Time of Leafing, Flowering, and Fruiting of a few Standard Plants in the Royal Society's Gardens during the month of January, 1876 :—*

- 18th.—First ripe Apricot gathered.
- 20th.—*Veronica Angustifolia* in full flower.
- 24th.—Jargonelle Pear ripe.
- 25th.—*Grevillea Robusta* in flower.
- 31st.—Mulberries commencing to ripen.

F. ABBOTT, JUN., Superintendent.

Results of observations taken at New Norfolk for January, 1876 :—

*Barometer* (corrected and reduced), mean of three daily readings, 29·804in.  
*Thermometer*, mean of three ditto, 64·74°.  
*Dew-point*, mean position of three ditto, 53·40°.  
*Elastic Force of Vapour*, mean of three ditto, 402.  
*Humidity*, mean of three ditto, 66.  
*Solar Intensity*, mean of max. temp., 130·61°.  
*Terrestrial Radiation*, mean of min. temp., 45·19°.  
*Rainfall*, 1·66in.  
*Evaporation*, 4·73in. ; in excess of rainfall, 3·07in.  
*Clouds*, mean of three daily registers, 5·62.  
*Ozone ditto* of two ditto, 5·82.  
*Wind*, total of three ditto, 79·27lb. per sq. foot.  
*Horizontal Movement*, 25·27 miles.  
 49 obs. of electricity, 27 negative, 18 positive, 4 nil.  
 W. E. SHOOBRIDGE, Valleyfield.